

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110122\
 Data File : PL078689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2022 11:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 22:07:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.321	2.569	36543181	54599348	19.163	21.385
28)	SA Decachlor...	8.769	7.637	31240367	45252474	20.767	23.891
Target Compounds							
2)	A alpha-BHC	3.781	3.056	25688754	42054772	8.946	10.649
3)	MA gamma-BHC...	4.114	3.377	24701976	34761149	9.246	9.671
6)	B beta-BHC	4.327	3.677	12081960	18504199	10.488m	12.896
14)	MA Endrin	6.348	5.368	92734847	134.1E6	48.864	51.455
16)	A 4,4'-DDD	6.500	5.529	330469	483949	0.198m	0.220m
17)	MA 4,4'-DDT	6.806	5.773	185.0E6	257.9E6	103.232	118.903m
18)	B Endrin al...	6.709	5.843	1277263	2979869	0.878	1.588m#
20)	A Methoxychlor	7.289	6.351	244.7E6	314.3E6	265.737	276.927
21)	B Endrin ke...	7.428	6.560	3097412	7282589	1.646	2.818 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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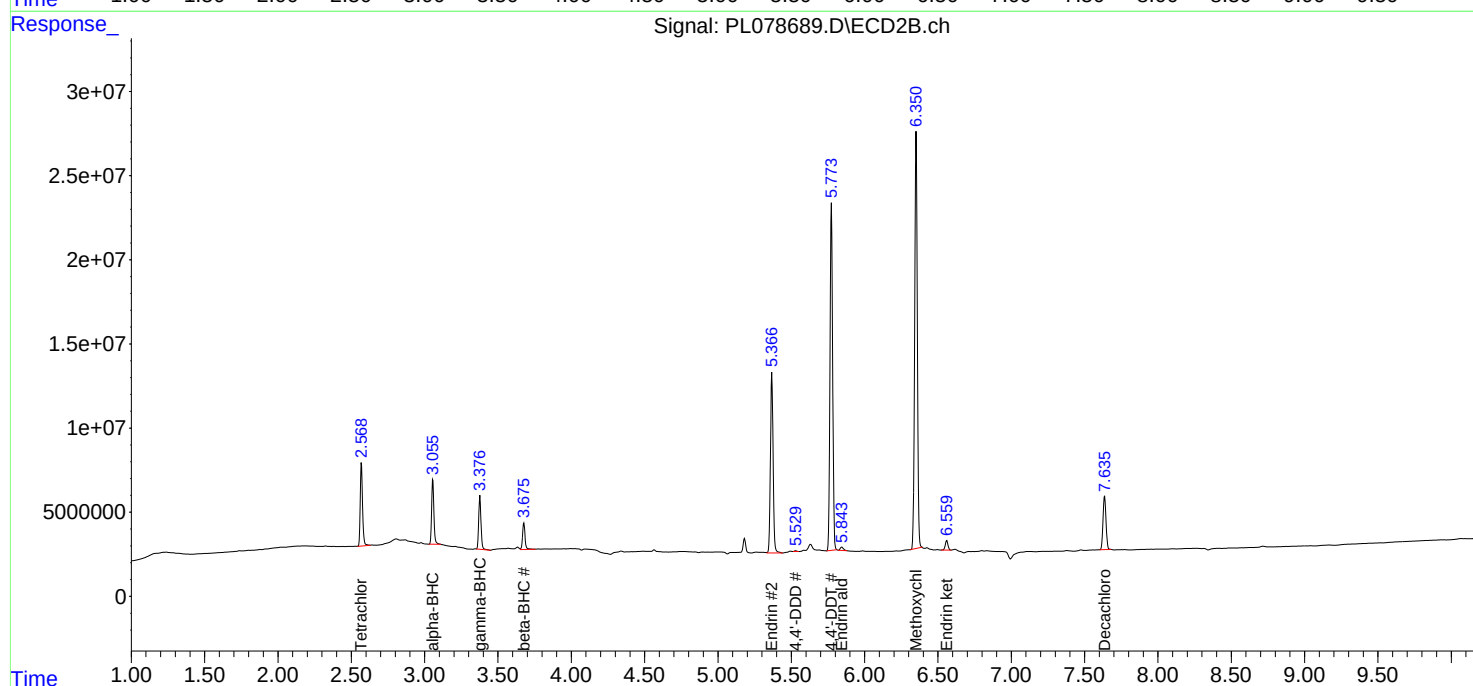
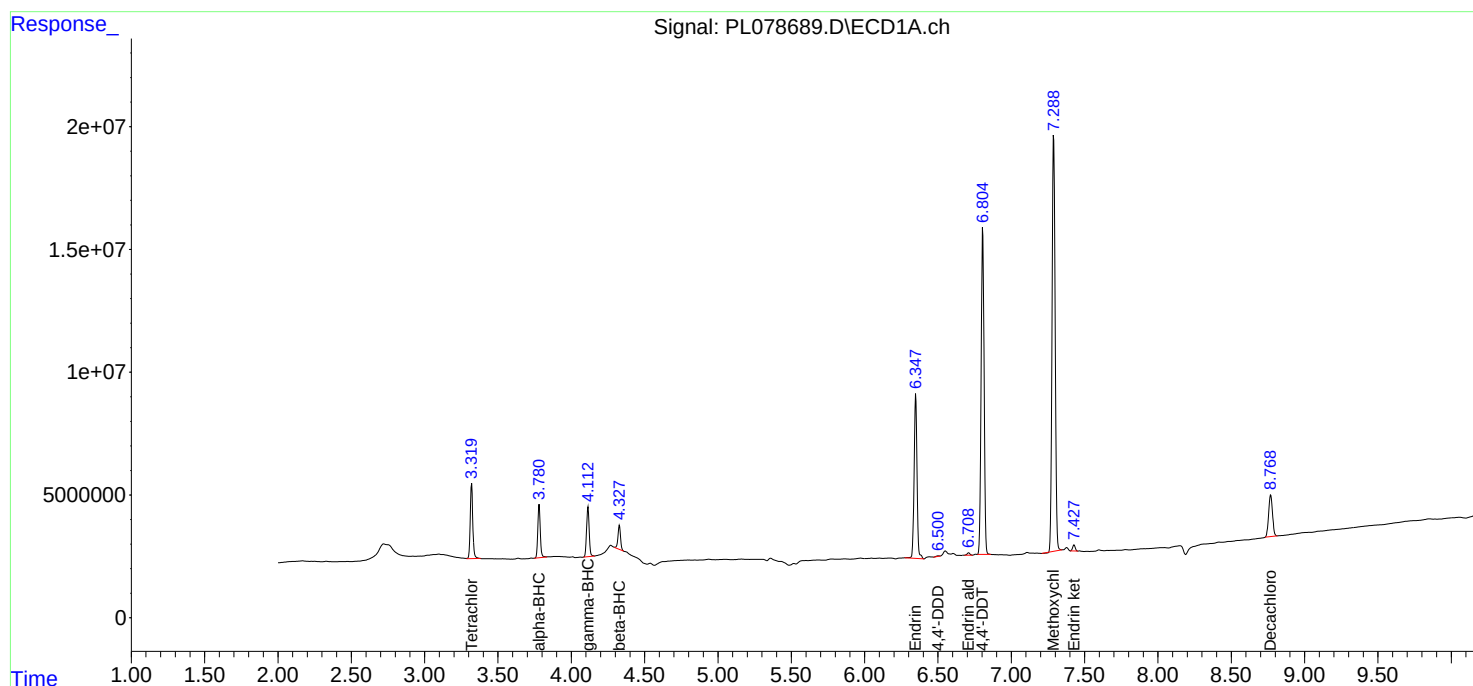
Instrument :
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PEM

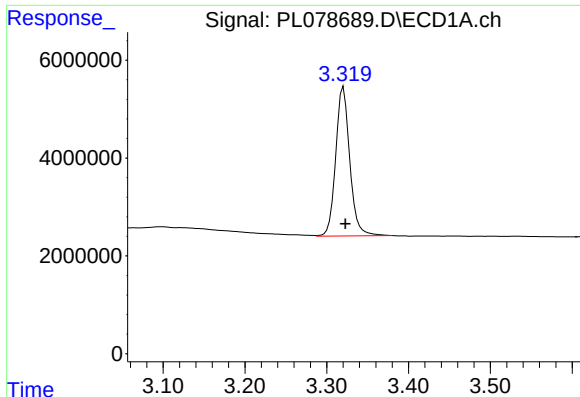
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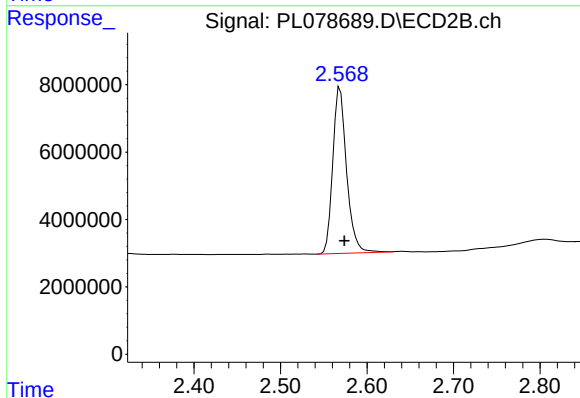
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 36543181
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

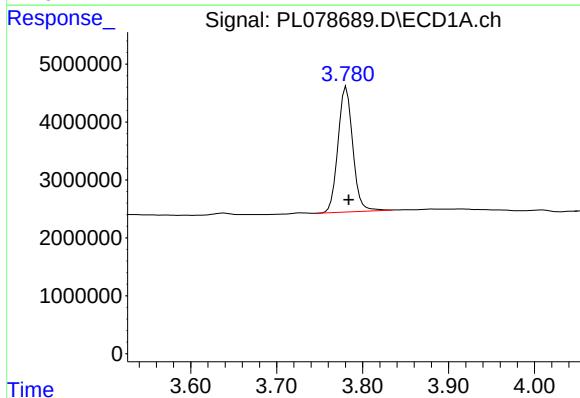
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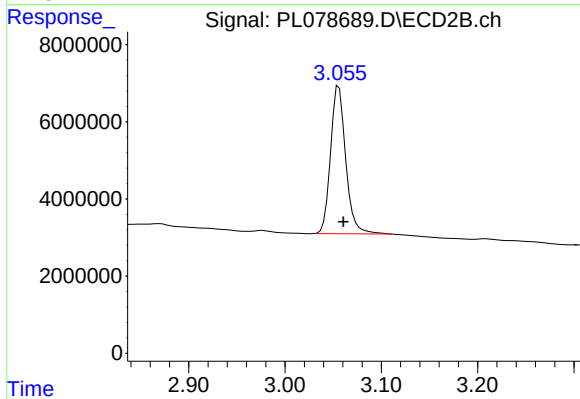
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 54599348
Conc: 21.38 ng/ml



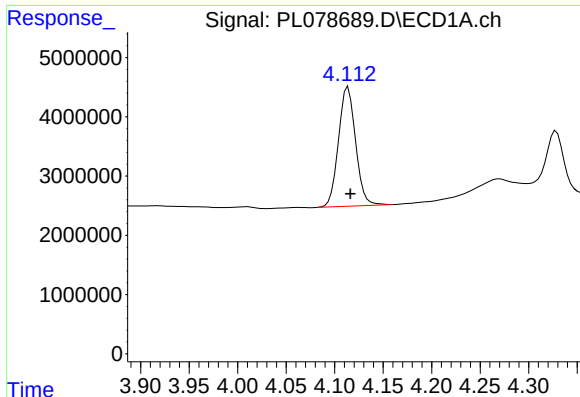
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 25688754
Conc: 8.95 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.005 min
Response: 42054772
Conc: 10.65 ng/ml



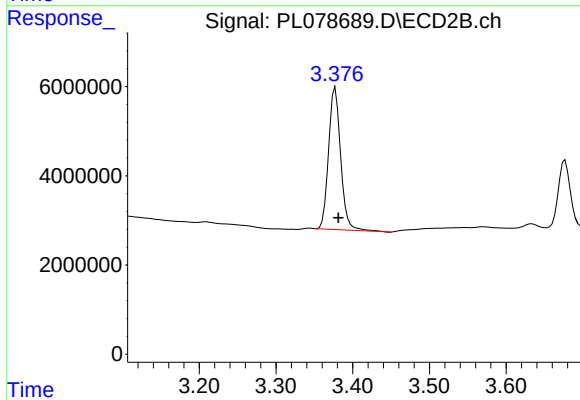
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 24701976
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

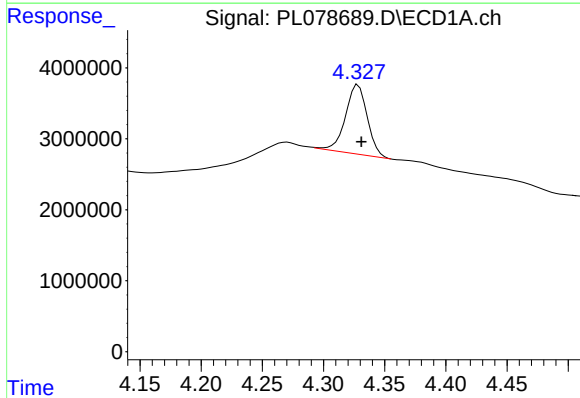
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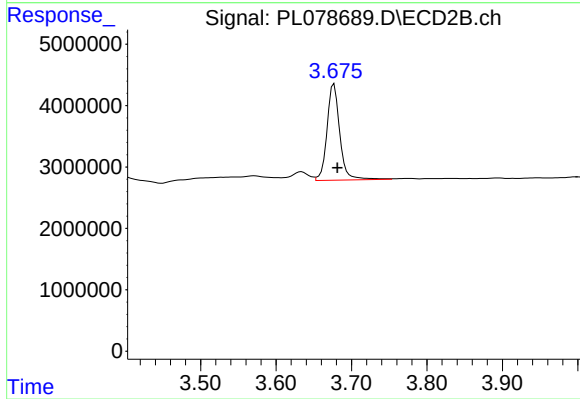
#3 gamma-BHC (Lindane)

R.T.: 3.377 min
Delta R.T.: -0.004 min
Response: 34761149
Conc: 9.67 ng/ml



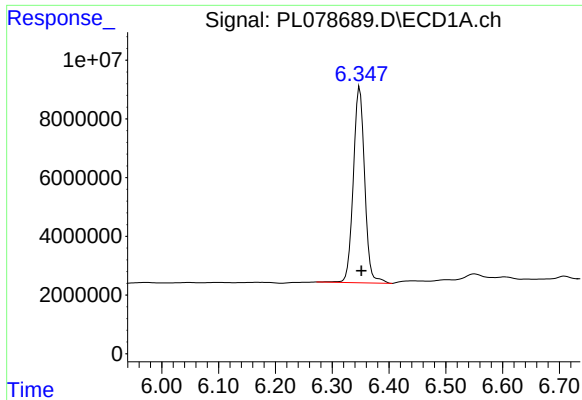
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 12081960
Conc: 10.49 ng/ml m



#6 beta-BHC

R.T.: 3.677 min
Delta R.T.: -0.004 min
Response: 18504199
Conc: 12.90 ng/ml



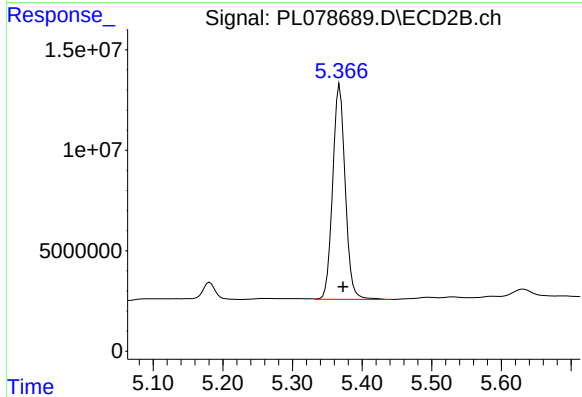
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 92734847
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

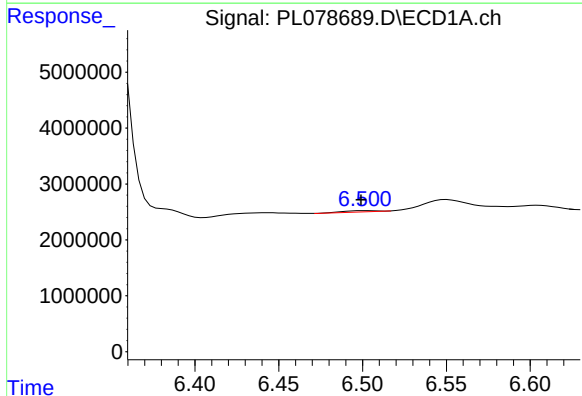
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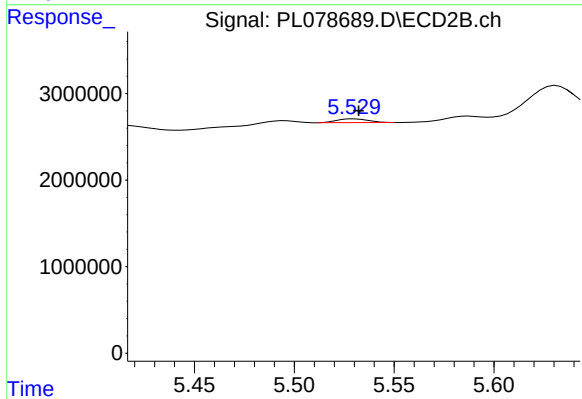
#14 Endrin

R.T.: 5.368 min
Delta R.T.: -0.005 min
Response: 134051662
Conc: 51.45 ng/ml



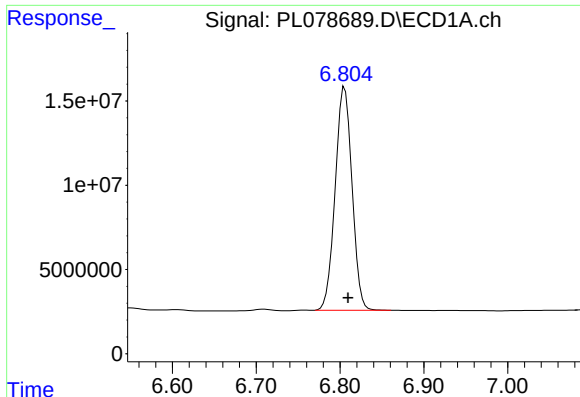
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 330469
Conc: 0.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 483949
Conc: 0.22 ng/ml m



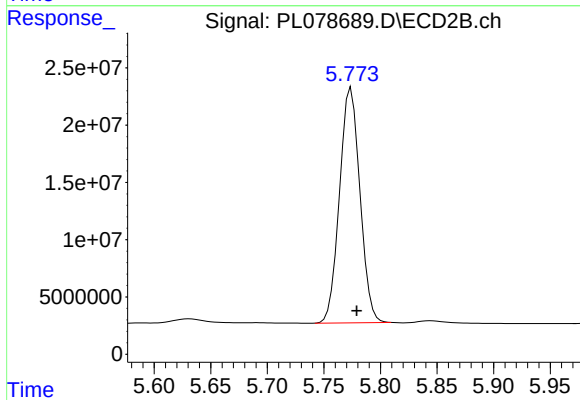
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: -0.004 min
Response: 185025539
Conc: 103.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

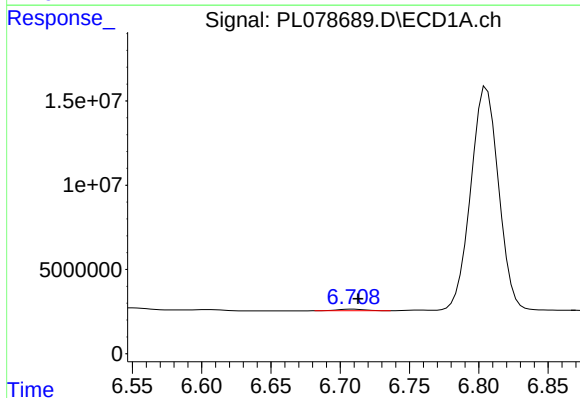
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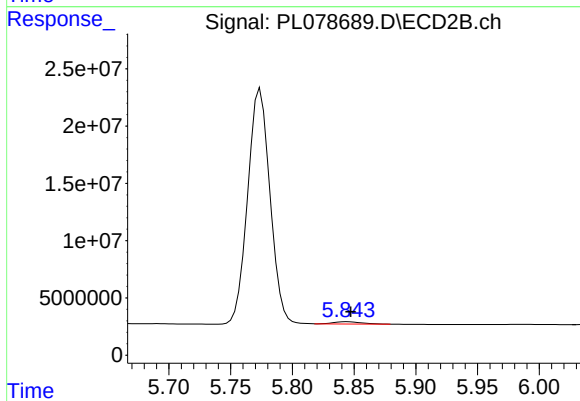
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: -0.006 min
Response: 257915498
Conc: 118.90 ng/ml m



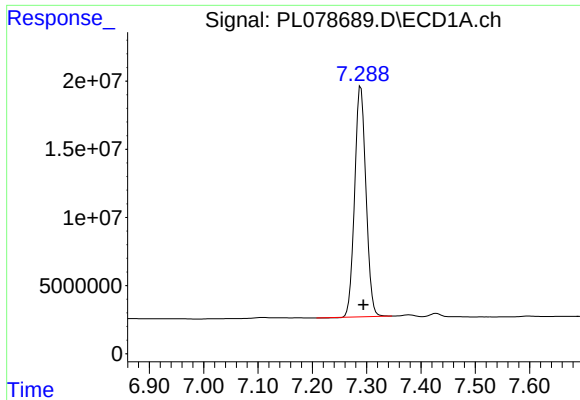
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 1277263
Conc: 0.88 ng/ml



#18 Endrin aldehyde

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 2979869
Conc: 1.59 ng/ml m



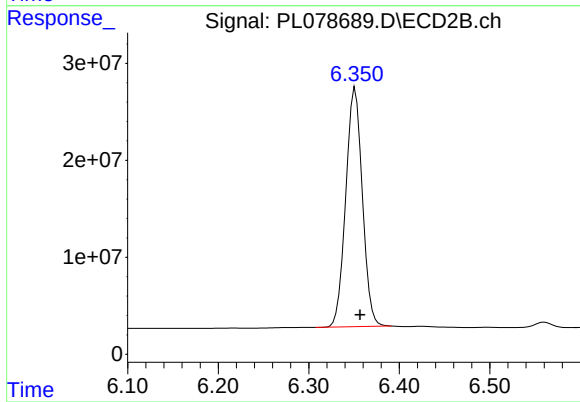
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 244714520
Conc: 265.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

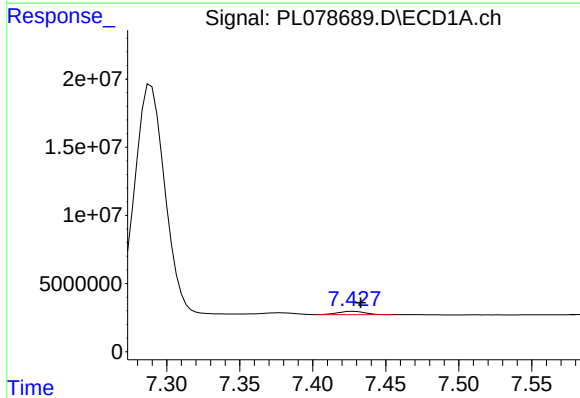
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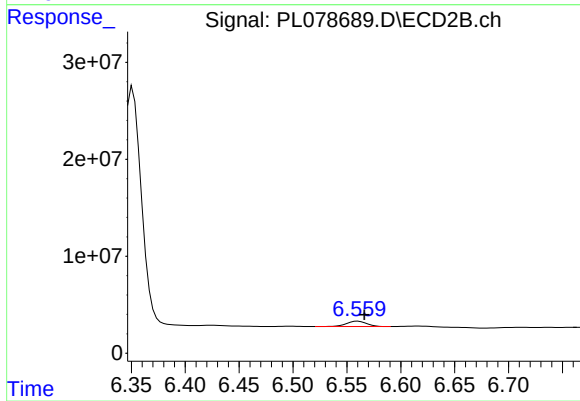
#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 314256037
Conc: 276.93 ng/ml



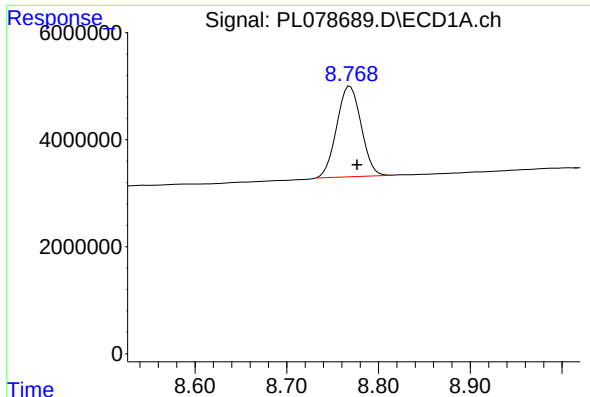
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 3097412
Conc: 1.65 ng/ml



#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: -0.006 min
Response: 7282589
Conc: 2.82 ng/ml



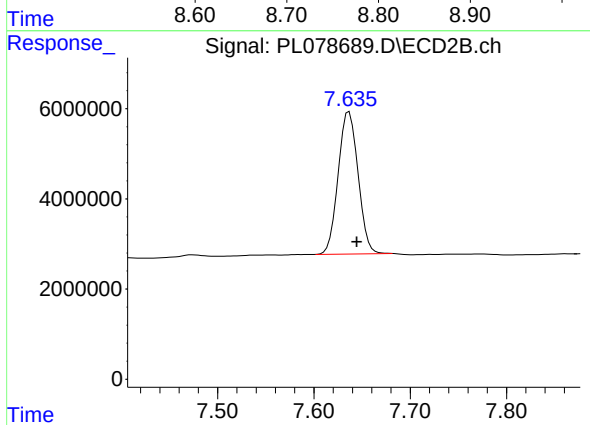
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.008 min
Response: 31240367
Conc: 20.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 45252474
Conc: 23.89 ng/ml